

**AMENDMENTS TO THE CLAIMS**

This listing of the claims will replace all prior versions of the claims and listing of the claims in the application:

1.     **(Currently Amended)**     ~~A~~ An isolated DNA involved in the regeneration ability of plants, wherein the DNA is ~~any one of (a) to (d)~~ selected from the group consisting of:
  - (a) a DNA encoding a protein comprising the amino acid sequence of SEQ ID NO: 3;
  - (b) a DNA comprising a coding region of the nucleotide sequence of SEQ ID NO: 1 or 2;
  - (c) a DNA encoding a protein comprising an amino acid sequence with one or more amino acid substitutions, deletions, additions, and/or insertions in the amino acid sequence of SEQ ID NO: 3; and
  - (d) a DNA that hybridizes under stringent conditions with a DNA comprising the nucleotide sequence of SEQ ID NO: 1 or 2.
2.     **(Currently Amended)**     ~~A~~ An isolated DNA encoding a partial peptide of a protein comprising the amino acid sequence of SEQ ID NO: 3.
3.     **(Currently Amended)**     ~~A~~ An isolated DNA comprising a promoter region of the nucleotide sequence of SEQ ID: 1 or 2.
4.     **(Original)**     A vector comprising the DNA of claim 1 or 2.
5.     **(Original)**     A vector comprising the DNA of claim 3.
6.     **(Original)**     A host cell carrying the vector of claim 4.
7.     **(Original)**     A plant cell carrying the vector of claim 4.
8.     **(Original)**     A plant transformant comprising the plant cell of claim 7.

9.     **(Original)**     A plant transformant that is a progeny or a clone of the plant transformant of claim 8.
10.    **(Original)**     A propagation material of the plant transformant of claim 8 or 9.
11.    **(Original)**     A method for producing a plant transformant, wherein the method comprises the steps of introducing the DNA of claim 1 or 2 into a plant cell, and regenerating a plant from said plant cell.
12.    **(Original)**     A protein encoded by the DNA of claim 1 or 2.
13.    **(Original)**     A method for producing the protein of claim 12, wherein the method comprises the steps of culturing the host cell of claim 6, and collecting a recombinant protein from said cell or the culture supernatant thereof.
14.    **(Original)**     An antibody that binds to the protein of claim 12.
15.    **(Currently Amended)**     ~~A~~ An isolated polynucleotide comprising at least 15 continuous nucleotides that are complementary to the nucleotide sequence of SEQ ID NO: 1 or 2, or a sequence complementary thereto.
16.    **(Original)**     A method for increasing the regeneration ability of a plant, wherein the method comprises the step of expressing the DNA of claim 1 or 2 in a cell of a plant.
17.    **(Original)**     An agent for altering the regeneration ability of a plant, wherein the agent comprises the DNA of claim 1 or 2, or the vector of claim 4 as an active ingredient.
18.    **(Original)**     A method for determining the regeneration ability of a plant cell, wherein the method comprises the step of detecting the expression of the DNA of claim 1 or the protein of claim 12 in the plant cell.

19. **(Original)** A method for determining the regeneration ability of a plant cell, wherein the method comprises the step of detecting the activity of the protein of claim 12 in the plant cell.
20. **(Original)** A method for improving the regeneration ability of a plant, wherein the method comprises the step of regulating the activity of the endogenous protein of claim 12 in the plant.
21. **(Original)** A method for selecting a transformed plant cell, wherein the method comprises the steps of:
- (a) introducing a plant cell with a vector comprising the DNA of claim 1 or 2 as a selection marker; and
  - (b) culturing the plant cell and selecting plant cells that have acquired regeneration ability.
22. **(Original)** A method for altering the regeneration ability of a plant, wherein the method comprises the step of substituting the endogenous DNA of claim 1 or 2 in a plant by crossing.